

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method for integrating an encryption/decryption system and an email platform in order to encrypt/decrypt email comprising ~~the steps of:~~
 - converting a recipient's ~~addresses~~ address from an email format to an ~~Internet~~ internet format;
 - obtaining a ~~recipients~~ recipient's encryption software public key from an encryption software key server;
 - using said recipient's encryption software public ~~keys~~ key to encrypt an email;
 - using said recipient's encryption software public ~~keys~~ key to encrypt an attachment; and
 - converting said recipient's address from said internet format to said email format.
2. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of claim 1 further comprising ~~the steps of:~~
 - providing a means for a user ~~users~~ to read an ~~encryption software~~ encrypted email,
 - providing a means for a user ~~users~~ to read an ~~encryption software~~ encrypted email ~~attachments~~ attachment,
 - requesting ~~users~~ a user to type a password of an encryption software private key,
 - decrypting ~~mail content~~ the encrypted email, and
 - decrypting the encrypted email attachment ~~content~~.

3. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of ~~claim 1~~ claim 2 further comprising ~~the step of:~~

allowing ~~users~~ a user to use a familiar ~~Email~~ email software interface to do encryption software key management.

4. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of claim 1 wherein ~~said conversion of said addresses of said recipients' email addresses~~ converting the recipient's address from ~~Email~~ email software format to ~~Internet internet~~ format is required ~~in order~~ to obtain ~~keys~~ the encryption software public key ~~to proceed further.~~

5. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of claim 1 wherein said encryption software public ~~keys are~~ key is obtained from ~~[[a]]~~ an encryption software server.

6. (Canceled)

7. (Canceled)

8. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of claim 1 wherein said ~~Internet addresses are~~ recipient's address is converted from internet format ~~back~~ to ~~Email~~ email software format to allow email processing using said email ~~software~~ platform.

9. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of claim 1 wherein ~~said conversion of said Internet addresses~~ converting recipient's address from internet format back to Email software addresses email format allows the retention of rich text content.

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of ~~claim 1~~ claim 2 wherein said ~~encryption software~~ password and encryption software private key are used to decrypt ~~mail content~~ said encrypted email.

14. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of ~~claim 1~~ claim 2 wherein said ~~encryption software~~ password and encryption software private key are used to decrypt said encrypted email attachment files.

15. (Canceled)

16. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of ~~claim 1~~ claim 3 wherein said encryption software key management includes changing said password of said encryption software private key.

17. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of ~~claim 1~~ claim 3 wherein said encryption software key management also includes registering other encryption software public keys with said encryption software key server.

18. (Currently amended) The method for integrating ~~Public-key encryption software and Email software~~ an encryption/decryption system and an email platform in order to encrypt/decrypt email of claim ~~claim 1~~ claim 3 wherein said encryption software key management also includes sending out ~~said~~ a user's encryption software public key to other people.

19. (Currently amended) A system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email comprising:

means for converting ~~all-recipients' addresses~~ a recipient's address from ~~said email software~~ format to ~~Internet~~ internet format,

means for obtaining ~~keys~~ a recipient's public key from ~~an~~ encryption software key server,

means for using ~~all-recipients' a recipient's encryption software~~ public keys key to encrypt mail ~~an email~~,

means for using ~~all-recipients' a recipient's encryption software~~ public keys key to encrypt ~~attachments~~ an attachment, and

means for converting ~~all-recipients' addresses~~ ~~all-recipients' a recipient's address~~ from internet format to ~~Email~~ email software format.

20. (Currently amended) The system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of claim 19 further comprising:

~~means for providing a~~ means for users a user to read ~~encryption software~~ an encrypted email ~~software mail~~,

~~means for providing a~~ means for users a user to read ~~encryption software~~ an encrypted ~~email software~~ attachments attachment,

means for requesting users a user to type a password ~~of encryption~~ to access an encryption software private key,

means for decrypting ~~mail content~~ the encrypted email, and

means for decrypting the encrypted attachment ~~content~~.

21. (Currently amended) The system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim 19~~ claim 20 further comprising ~~the step of~~:

allowing ~~users~~ a user to use a familiar ~~Email~~ email software interface to do encryption software key management.

22. (Currently amended) The system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of claim 19 wherein said ~~conversion~~ converting of said ~~addresses of said recipients' email addresses~~ recipient's address from ~~Email~~ email software format to ~~Internet~~ internet format is required ~~in order~~ to obtain ~~keys~~ the public key to ~~proceed further~~.

23. (Currently amended) The system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of claim 19 wherein said ~~public keys are~~ key is obtained from an encryption software server.

24. (Canceled)

25. (Canceled)

26. (Currently amended) The system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of claim 19 wherein said ~~Internet addresses~~ recipient's address is ~~are converted from internet format back to~~ ~~Email~~ email ~~software~~ format to allow email processing using said email software.

27. (Currently amended) The system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of claim 19 wherein said ~~conversion~~ converting of said ~~Internet-addresses~~ recipient's address from said internet format back to ~~Email~~ said email software-addresses format allows the retention of rich text content.

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Currently amended) The system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim 19~~ claim 20 wherein said ~~encryption software~~ password and encryption software private key are used to decrypt ~~mail content~~ said encrypted email.

32. (Currently amended) The system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim 19~~ claim 20 wherein said ~~encryption software~~ password and encryption software private key are used to decrypt said encrypted attachment-files.

33. (Canceled)

34. (Currently amended) The system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim 19~~ claim 21 wherein said encryption software key management includes changing said password of said encryption software private key.

35. (Currently amended) The system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim 19~~ claim 21 wherein said encryption software key management also includes registering other ~~encryption software~~ public keys with said encryption software key server.

36. (Currently amended) The ~~method~~ system for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim 19~~ claim 21 wherein said encryption software key management also includes sending out said a user's ~~encryption software~~ public key to other people.

37. (Currently amended) A program retention device containing program instruction code executable on at least one networked computing device for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email whereby said program ~~performs the steps of~~ comprising:

converting ~~all recipients' addresses~~ a recipient's address from email ~~software~~ format to ~~Internet~~ internet format,

obtaining ~~keys~~ an encryption software public key from an encryption software key server,

using ~~all recipients'~~ the recipient's encryption software public ~~keys~~ key to encrypt ~~mail~~ an email,

using ~~all recipients'~~ the recipient's encryption software public ~~keys~~ key to encrypt ~~attachments~~ an email attachment and

converting ~~all recipients' addresses~~ the recipient's address from internet format to email ~~software~~ format.

38. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email ~~program~~ retention device containing program instruction code executable on at least one networked computing device of claim 37 whereby said program further performs the steps of comprising:

- providing a means for ~~users~~ a user to read ~~an encryption software~~ encrypted email ~~software mail~~,
- providing a means for ~~users~~ the user to read ~~an encryption software~~ encrypted email ~~software attachments~~ attachment,
- requesting ~~users~~ the user to type a password ~~[[of]]~~ for an encryption software private key,
- decrypting ~~mail content~~ the encrypted email, and
- decrypting ~~attachment content~~ the encrypted email attachment.

39. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim 37~~ claim 38 further comprising ~~the step of~~:

- allowing ~~users~~ a user to use a familiar ~~Email~~ email software interface to do encryption software key management.

40. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt of claim 37 wherein ~~said conversion of said addresses of said recipients' email addresses~~ converting the recipient's address from ~~Email~~ email software format to ~~Internet~~ internet format is required ~~in order to~~ obtain keys the encryption software public key to proceed further.

41. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of claim 37 wherein said encryption software ~~public keys are~~ key is obtained from ~~[[a]]~~ an encryption software server.

42. (Canceled)

43. (Canceled)

44. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of claim 37 wherein said ~~Internet addresses~~ recipient's address is ~~are~~ converted from internet format ~~back~~ to ~~Email~~ email ~~software~~ format to allow email processing using said email software.

45. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of claim 37 wherein said ~~conversion~~ converting of said ~~Internet addresses~~ the recipient's address from said internet format ~~back~~ to ~~Email~~ email ~~software addresses~~ format allows ~~the~~ retention of rich text content.

46. (Canceled)

47. (Canceled)

48. (Canceled)

49. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim 37~~ claim 38 wherein said ~~encryption software~~ password and encryption software private key are used to decrypt ~~mail content~~ said encrypted email.

50. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim 37~~ claim 38 wherein said ~~encryption software~~ password and encryption software private key are used to decrypt said encrypted email attachment-files.

51. (Canceled)

52. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim 37~~ claim 39 wherein said encryption software key management includes changing said password of said encryption software private key.

53. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim-37~~ claim 39 wherein said encryption software key management ~~also~~ includes registering other encryption software public keys with said encryption software key server.

54. (Currently amended) The program retention device containing program instruction code executable on at least one networked computing device for integrating ~~Public-key~~ public-key encryption software and ~~Email~~ email software in order to encrypt/decrypt email of ~~claim-37~~ claim 39 wherein said encryption software key management ~~also~~ includes sending out ~~said~~ a user's encryption software public key to other ~~people~~ users.